

CHAPTER 74-03-13
SPECIFIC CROP REQUIREMENTS - DRY FIELD BEANS

Section

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74-03-13-01. General field standards and land requirements.

1. A crop will not be eligible for certification if planted on land that was in any class of dry field beans or green beans the preceding two years or soybeans the preceding year.
2. The field shall be considered a unit for certification. A strip at least five feet [1.52 meters] wide which is either mowed, uncropped, or planted to some other separable crop shall constitute a field boundary for the purpose of these standards.
3. Poor stands, poor vigor, lack of uniformity, excess weeds, or conditions which are apt to make inspection inaccurate or bring certified seed into disfavor shall be cause for rejection.

History: Amended effective May 1, 1986.

General Authority: NDCC 4-09-03, 4-09-05, 4-09-16

Law Implemented: NDCC 4-09-16, 4-09-17, 4-09-18

74-03-13-02. Field inspection. Two field inspections shall be made. The first when approximately seventy-five percent of the plants are flowering. The second when approximately seventy-five percent of the pods are showing maturity.

History: Amended effective May 1, 1986.

General Authority: NDCC 4-09-03, 4-09-05, 4-09-16

Law Implemented: NDCC 4-09-16, 4-09-17, 4-09-18

74-03-13-03. Specific field standards (dry field beans).

Factor	Maximum Tolerance		
	Foundation	Registered	Certified
Other varieties or classes *	0.03 percent	0.05 percent	0.1 percent
Inseparable other crops	none	none	none
Prohibited noxious weeds **	none	none	none
Objectionable weeds ***	none	none	none
Bacterial bean blights +	.01 percent	.01 percent	.01 percent

Anthrachnose	none	none	none
Wilt	none	none	none
Common bean mosaic	none	0.5 percent	1.0 percent

- * Other varieties shall not include variants characteristic of the variety.
- ** Prohibited noxious weeds include only field bindweed, leafy spurge, yellow starthistle, and Russian knapweed. The tolerance for prohibited or objectionable weeds, or both, will be determined by the inspector.
- *** Objectionable weeds include nightshade species and cocklebur.
- + 1. The grower shall isolate and not thresh within a one hundred-foot [30.5-meter] radius of all staked (flagged) plants. A grower must leave in place any stakes or flags by plants with blight-infected pods.
- 2. Areas to be isolated must be mapped out on field inspection report.
- 3. In any case, it is important that blighted areas be clearly defined by flags. These blighted areas must be left unthreshed while the rest of the field is threshed. The inspector may recheck the field to ensure that these blighted areas were indeed left. Failure to leave the rejected area will result in total field being rejected.

History: Amended effective May 1, 1986; May 1, 1988; December 18, 1989; August 1, 1991; September 1, 2002; January 1, 2005; January 2, 2006.

General Authority: NDCC 4-09-03, 4-09-05, 4-09-16

Law Implemented: NDCC 4-09-16, 4-09-17, 4-09-18

74-03-13-04. Seed standards (dry field beans) - Seed count required on dry field beans.

Factor	Standards for Each Class		
	Foundation	Registered	Certified
Pure seed (minimum)	98.5 percent	98.5 percent	98.5 percent
Inert matter (maximum)*	1.5 percent	1.5 percent	1.5 percent
Total weed seeds (maximum)	none	none	2 per pound
Other varieties or classes	0.01 percent	0.05 percent	0.1 percent
Other crops (maximum)	none	none	1 per 2 pounds
Prohibited noxious weed seeds	none	none	none
Objectionable weed seeds**	none	none	none
Germination (minimum)	no standard	85.0 percent	85.0 percent
Bacterial blight test***	pass	pass	pass

- * Foreign matter other than broken seed may not exceed 0.50 percent.
- ** Objectionable weed seeds include those of buckhorn, dodder, hedge bindweed (wild morning glory), hoary alyssum, horsenettle, quackgrass, wild oats, wild vetch species, giant foxtail, wild radish, nightshade species, and cocklebur.
- *** The grower is responsible for having a bacterial blight test and anthracnose test, performed by a seed department-approved laboratory, on the harvested seed of each field or seed lot of dry field beans. If seed from more than one field is blended or commingled prior to testing, a bacterial blight test and anthracnose test must be performed on each separate seed lot or subplot.

A seed treatment to reduce surface bacterial contamination of the seed coat is recommended.

History: Amended effective May 1, 1986; December 18, 1989; August 1, 1991; September 1, 2002; January 2, 2006.

General Authority: NDCC 4-09-03, 4-09-05, 4-09-16

Law Implemented: NDCC 4-09-16, 4-09-17, 4-09-18